



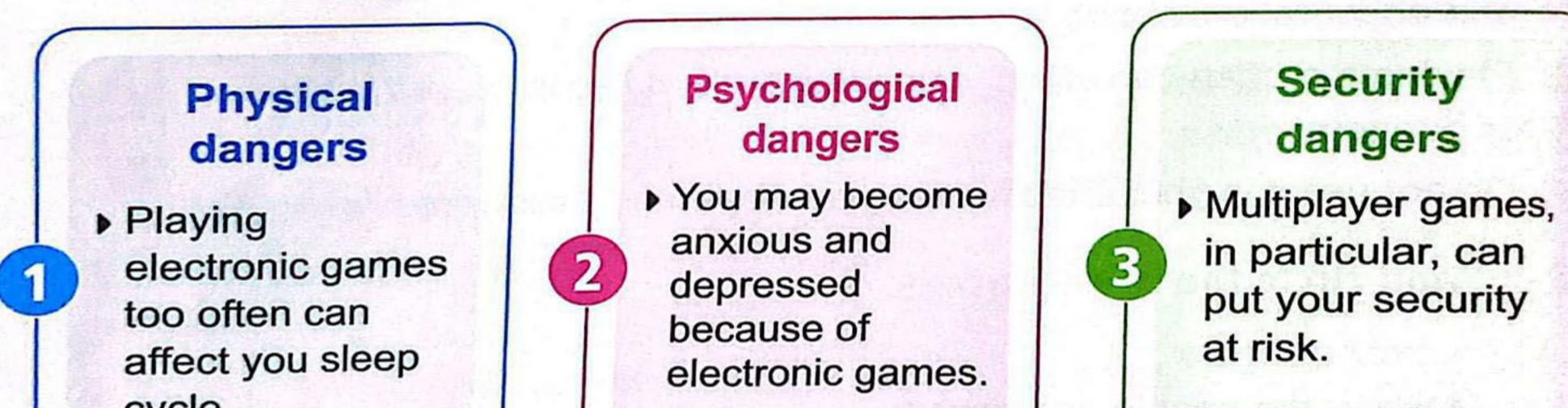
HTML Tages

Tags have three main parts an opening tags the content, and a closing tag.

<h1>Largest heading</h1>
<h2>Subheading</h2>
k6>Smaller Subheading</h6>
k6>Smaller Subheading
Kaparagraph. A paragraph usually
Largest heading
Use this tag to create a paragraph. A paragraph
Kaparagraph usually

has more than one sentence.	has several sentences.	فقرة
	This is the biggest font.	
	This is the smallest, red font.	مقاس الخط ولونه
Visit the "	Visit the Egyptian Knowledg	e Bank
Egyptian Knowledge Bank	"https://www.ekb.eg"	الرابط الشعبى
<i>> Emphasized text </i>	 Emphasized text 	كتابة بارزة
Bold text 	Bold text	خط عريض

Lesson 2: How to deal with electronic games



- cycle.
- It can strain you eyes or cause back problems.
- There's a danger of gaining weight.

 Electronic games can make some people aggressive, as some games promote violence.

It can negatively affect your relationship with family and friends. Large gaming communities are filled with cyberbullies.

Hackers can cause your information to be leaked and viruses are easily spread.





Lesson 3: Protecting yourself from digital theft

Features you can use to protect your data

- Some ways to protect your devices from theft :
 - 1. Passwords :

Passwords with at least eight random characters are the most secure.

2. Multi-Factor Authentication :

It requires at least two ways of identifying yourself.

3. Fingerprint Authentication :

This type will scan your finger as a way of confirming it's you.

4. Facial Recognition :

This software will scan your face using your device's camera.

5. Full Encryption :

Encryption protects your information so only you can access it on your device.

Lesson 8 Exercises

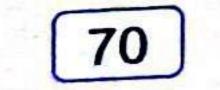
Figure and states and states

Choose the correct answer from a, b, c or d.

- 1. The abbreviation of Hyper Text Markup Language is "......".". a. HTML b. HTLM c. E- HTMM d. THML
- 2. is the standard programming language used to create web pages. a.«=img src> b. MacOS c. OSs d. HTML

امملا

b. subheading a. largest heading d. create a paragraph c. Smaller subheading b. subheading a. largest heading d. create a paragraph c. smaller subheading b. subheading a. largest heading d. create a paragraph c. smaller subheading 8.The HTML tag <h6>.....</h6> refers to b. subheading a. largest heading d. create a paragraph c. smaller subheading 9. The function of <i> ... </i> is b. emphasized text a. largest heading d. font color c. change text to bold 10. [1] The function of <a> ... is b. change text to underline a. create hyperlink



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LESSON FIGH

2 Put (\checkmark) in front of the correct sentence and (\times) in front of the wrong one.

- 1. Operating system is read HTML documents and display the content according to the HTML tag.
- 2. []] The HTML tag <h6> </h6> refers to heading.
- 3. The tag is used to create a paragraph.
- 4. The tag <h1> </h1> refers to smaller subheading.
- 5. The tag <h2> </h2> refers to subheading.
- 6. [1] The tag <i> </i> refers to Emphasized text.
- 7. A paragraph usually has more than one sentence.
- 8. We use the tag <a> ... to create hyperlink.
- 9. The tag ... </ font> is used to change the font size only.
- 10. To change the text to bold we use the ... tag.
- 11. HTML elements break up web pages to make them easier to scan, read, and navigate.
- 12. The tag ... is used to make text bold.

Match.

1. 🛄 <a>... 2. ... 3. 🛄 <i>...</i> 4. <h1>...</h1> 5. ...

- a. For creating paragraph.
 - b. Change the text to Italic.
- c. To create heading.
- d. Change the font size and color.

B

e. To create hyperlink.

A Read and circle the correct one.

A

- 1. In HTML, Tags have (two three) main parts : an opening tag, the content, and (element tag - closing tag).
- 2. To change the text to bold we use $(\langle I \rangle ... \langle I \rangle \langle b \rangle ... \langle b \rangle)$ tag.



قم بتلوين الدائرة باللون المناسب لمستواك.

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General Exercises On Lesson 2

جيدجدا If you got Oyou need to revise the lesson again. قم بتقييم نفسك بالعلامات الموضحة وإذا حصلت على🌔 (غير جيد) قم بمراجعة الدرس مرة أخرى من الصفحة السابقة.

Choose the correct answer from a, b, c or d.

- 1. Electronic games help to promote critical and creative... d. skills c. fun a. thinking b. playing
- 2. Electronic games, can be a lot of fun, but there can be problems playing these games like

يرجيد

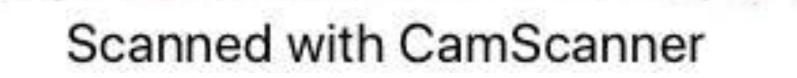
- d. both (a) & (b) c. having fun b. hacking a. cyberbullying
- 3. There are several disadvantages of electronic games like b. psychological dangers a. physical dangers d. all of them c. security dangers 4. Playing electronic games too often can affect your cycle. d. all of them c. fun b. sleep a. security 5. Electronic games can strain your and cause headaches. d. leg c. eyes a. hand b. arm b. straining your eyes a. feeling lonely d. hackers attack c. affecting your sleep cycle 7. When playing games online, don't put personal information, such as b. your email, address a. your full name as your username d. none of them c. both (a) and (b) 8. Large gaming communities are filled with b. cyberbullies c. information d. none of them a. data

9. You can limit the dangers while playing electronic games through

- a. playing with people you know and trust
- b. not using a webcam
- c. not using personal information
- d. all of them
- 10. Hackers can cause your information to be leaked and are easily spread d. none of them b. games a. viruses c. data
- **Put** (\checkmark) in front of the correct sentence and (\varkappa) in front of the wong one.
 - 1. There are several disadvantages of electronic games like security dangers. (
 - 2. Playing too often can help your sleep cycle.
 - 3. Electronic games can strain your hand.







LESSON TWO

(.....)

(.....)

(.....)

- 4. Electronic games may keep you stimulated and prevent you from falling asleep. ()
- 5. There are no dangers while playing electronic games.
- You may become anxious and depressed because you are being bullied online.
- 7. Multiplayer games can put your security at risk.
- 8. Never accept limits that your parents set to prevent unhealthy gaming habits.
- 9. Gaining weight is one of electronic games dargers.
- 10. Some electronic games promote violence.

Complete the following sentences with appropriate words in brackets.

(physical - violence - Feeling lonely - eyes)

- Electronic games can strain your and cause headaches.
 is one of the psychological dangers of electronic games.
 Gaining weight is one of the dangers of electronic games.
- 4. Some electronic games promote

Read and write the name of the app or tool.

- 1. They can help to promote critical and creative thinking, and encourage teamwork.
- Playing too often can affect your sleep cycle, it is considered a type of dangers.
- 3. Do not use it in your chatting, like username and passwords.

3 Read and circle the correct usage.

- 1. Physical dangers :
 - Make some people aggressive.
 - Playing too often can affect your sleep cycle.
- 2. Electronic games :
 - They cannot impact your health.
 - Help to promote critical and creative thinking.







General Exercises On Lesson 3

If you got you need to revise the lesson again.

قم بتقييم نفسك بالعلامات الموضحة وإذا حصلت على 🔵 (غير جيد) قم بمراجعة الدرس مرة أخرى من الصفحة السابقة.



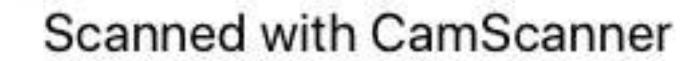
Choose the correct answer from a,b,c or d.

- - a. random letters
- b. random numbers c. symbols d. all of them 2. MFA requires at least ways of identifying yourself. b. three c. four d. five a. two 3. means Multi-Factor Authentication. d. MFD b. MFA c. MFC a. MFB 4. [1] are ways of Multi Factor Authentication. a. Passwords b. Pins c. Security codes d. All of them 5. is a type of authentication which will scan your finger as a way of confirming it's you. b. Pins a. Fingerprint Authentication d. Multi Factor Authentication c. Security codes 6. will scan your face using your device's camera. a. Fingerprint Authentication b. Pins d. Multi Factor Authentication c. Facial Recognition 7. is the way only the user's face can be used to open their devices
- - or devices' apps.
 - a. Facial recognition software
 - c. Both a and b

- b. Full Encryption d. Install new software
- 2 Put (\checkmark) in front of the correct sentence and (\times) in front of the wrong one.
 - 1. You can protect your devices from theft by setting simple password.
 - 2. It is irresponsible to leave your devices at risk by not taking proper safety precautions.
 - 3. C MFA stands for Multi-Factor Authentication.
 - 4. MFA authentication will scan your finger as a way of confirming it's you.
 - 5. Facial Recognition will scan your face using your device's camera.
 - 6. D Multi-Factor Authentication requires at least three ways of identifying yourself.
 - 7. MFA can confirm your identity through pins and personal questions.
 - 8. Fingerprint Authentication, is a type of authentication, will scan your finger as

a way of confirming it's you.

96



LESSON THREE

- Fingerprint Authentication is a way only the user's face can be used to open their devices or devices' apps.
- Full Encryption protects your information so every one can access it on their device.
- Match from column (A) with the suitable in column (B).
 - 1. Passwords

2. 🛄 MFA

a. is a shortcut of Multi-Factor Authentication.

B

b. with at least 8 random letters, numbers and symbols are the most secure.

- 3. Fingerprint Authentication
- 4. []] Full Encryption
- 5. Facial Recognition software

Read and circle the correct usage.

- 1. Multi Factor Authentication :
 - Through scanning your face.
 - Through passwords, pins, and security codes.
- 2. Passwords :
 - at least eight random letters, numbers, and symbols.
 - develop excellent hand-eye co-ordination skills.

- c. protects your information so only you can access it on your device, as long as you have set your password.
- d. will scan your finger as a way of confirming it's you.
- e. will scan your face using your device's camera.

B Read and correct words between brackets.

- 1. If you think your data has been compromised, you (shouldn't tell) a parent or trusted adult.
- (Facial recognition) will scan your finger as a way of confirming it's you.
- 3. From the ways of (GPS), pins, and personal questions.



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97

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MONTHLY ASSESSEMENTS

November Test

Choose the correct answer from a , b, c or d.

1. Ms. Didi El-Behaedi is a in national geographic. c. explorer b. biologist a. ecologist

d. engineer

b. using strong passwords

d. all of them

2. Ms. El-Behaedi protect her information by,

- a. installing anti-virus software
- c. frequently backs up her data
- 3. Electronic games can strain your and cause headaches.
- d. leg c. eyes a. hand b. arm

4. Mr. Sawhney creates applications that allow to access visual content.

- b. normal people a. hearing impaired people d. none of them c. blind and visually impaired people d. LA c. AI b. IA a. AL 6. Artificial Intelligence (AI), Augmented Reality (AR), and Virtual Reality (VR) are examples of b. cutting edge technology a. augmented reality d. assistive technology c. artificial intelligence 7.are collections of information which are typically stored in a computer system and can be accessed, for free, through a school or library. b. Database a. Search engines
 - c. Library catalogs

- d. Google chrome
- - b. can access the internet a. are portable
 - c. are held in landscape or portrait mode d. all of them

2 Put (\checkmark) in front of the correct sentence and (\times) in front of the wrong one.

- 1. Windows operating system is open-source software for building robot applications.
- 2. In HTML, tags have three main parts: an opening tag, the content, and a closing tag.
- 3. We use the tag <a> ... to create hyperlink.
- 4. The I-Stem platform is one of the platforms that provides counseling and employment opportunities for people of determination.
- the 5. Ms. Didi El-Behaedi working towards a PhD in Egyptian Archaeology at University of Chicago in the U.S.
- 6. There are no dangers while playing electronic games.
- 7. Machine learning means inputting data about known thing and programming the computer to look for similar things.

Scanned with CamScan	iner
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133

Exercises on Lesson

Choose the correct answer:

a headings		c. both of the prev
 is the sta 	ndard programming lan	guage used to create
pages. g. HTML	b. Python	c . C++
(3) The HTML tag that is	used to create a paragro	aph is
a. <h></h>	b. <a>	c.
HTML tags have	main parts.	
a. two	b. three	c. four
5 To make the images	accessible on web page	s, add to <
in HTML.		
a. alt-text	b. meta	c. title
6 The tag	g is used to create the la	rgest heading in HTM
a. <h1></h1>		c. <l1></l1>
To create the smallest	heading in HTML, use t	he tag.
a. <h1></h1>	b. <h6></h6>	c. <\$1>
8 Large headings are p	laced at the	of the web page to
the attention.		
a. middle	b. bottom	c. top
(9) The tag	g is used to create a hyp	erlink in HTML.
a. < a >	b. <h></h>	c. <l></l>
10 HTML tags consist of	an opening tag, a closin	a taa and
a. the content	b. comments	

	the state of the s	the second se
11 The tog is	used to italicize a tex	t in HTML.
a. <h></h>	b. 	c. <i></i>
12 To see web page alt-text	t, right click on an ima	ge and select
a. open	b. inspect	c. properties
13 To make the text bold in	HTML, you can use	taa.
a. <bold></bold>	b. 	C. <\$>
14 read HTML d	ocuments and display	the content according to
the HTML tag.		according to
a. Web browsers	b. Web servers	c. Devices
15 The href attribute is used	with <a> tag to create	a/an in HTMI
a. paragraph		c. hyperlink
16 With HTML tags, a scre		
the web page.		
a. repeats		c. continues
🖅 The attril	bute is used to provid	le alternative text for the
image in HTML.		
a. href	b. alt	c. img
18 Adding t	o web pages make th	e text easy to scan, so a
reader can find the info	rmation easily.	
a. images	b. subheadings	c. music
▶ Put (✓) or (X):		
1 HTML tags consist of for	ur main parts.	()
2 HTML is the standard p	rogramming language	used to create dynamic
web pages.	and the state of the state	()
3 HTML includes only hea	dings and paragraph	elements. ()
• In HTML, the <i> tag is</i>		
5) To make the text bold, y	you can use the <bold></bold>	tag in HTML. ()



Role of ICT in Our Life

E

Theme

- 6 A large heading at the top of the page catches the attention.
- (7) </h6> is an opening tag to display the smallest heading in HTML.
- 8 Subheadings font size is larger than the heading.
- 9 HTML code can help visually impaired people distinguish between parts of a web page.
- 10 Web browsers have difficulty reading HTML documents.
- 11 To make the images accessible, add image and alt-text tags.
- 12 Without HTML tags, a screen reader stops after every element.
- 13 The <h1> tag is used to create a paragraph in HTML.
- 14 Adding images to web pages attracts the attention and triggers different emotions.
- 15 is used to display the image in HTML.
- 16 When a text is organized into paragraphs, it allows readers to find information quickly.

Choose from column (A) what suits it in column (B):

Column (B)	
a. It defines a paragraph in HTML.	
b. It is used to create a hyperlink in HTML.	
c. It is used to make the text bold in HTML.	
d. It is used to make the text italics in HTML.	
e. It is used to create the largest heading in HTML.	
······ 3 ····· 4 ···· 5 ····	

Exercises on Lesson 2



	1	Electronic games car	help promote	
		a. critical thinking	b. creative thinking	c. both a and b
	2	Playing electronic ga	mes too much can affect y	/our cycle.
		a. sleep	b. digestive	c. energy
	3	One of the dangers	of electronic games is	because you
		may not be exercisin	g.	
		a. hacking	b. gaining weight	c. bullying
	4	Hackers can steal you	ur information and	can easily spread.
		a. viruses	b. books	c. videos
	5	Large gaming comm	unities are filled with	
		a. cyberbullies	b. doctors	c. both a and b
	6	Spending a lot of tim	e playing electronic game	s can cause
		a. eye strain	b. back problems	c. both a and b
	7	can cc	use your information to b	e leaked, and viruses are
		easily spread.		
-		a . Cyberbullies	b. Hackers	c. Friends
	8	One of the physical of	dangers of electronic gam	es is
		a. stealing data	b. cyberbullying	c. headaches
	9	9 One of the psychological dangers of electronic games is		
		a. eye strain	b. being depressed	c. cyberbullying
	10	You should not shar	e because	others can access your
		address, email, and	phone number.	
		a. games	b. news	c. personal information
	1			

32 ICT Prim. 6 - First Term

How to Deal With Electronic games

Lesson

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)

- Some games promote violence, so this can make some people
 a. calm
 b. aggressive
 c. stupid
- 12 Playing online games too much can causestrain.a. eyeb. nosec. leg
- 13 Electronic games may make you anxious and depressed because
 - a. you feel lonely in the real world
 - b. you may being bullied online c. both a and b

Put (✔) or (¥):

- 1 Electronic games can be fun, but they impact health.
- 2 Feeling lonely in the real world is one of the dangers of electronic games.
- 3 You should play a lot of electronic games to fall asleep right away. (
- Some electronic games can promote aggression in players.
- 5 Ignore the limits that your parents set to prevent unhealthy gaming habits.
- 6 Excessive electronic gaming can lead to headaches.
- 7 It is recommended to play games and chat with people you don't know.
- 8 Electronic games can make some people anxious and depressed.(
- 9 Playing games online has no dangers for you.
- 10 Multiplayer games can put your security at risk.
- 11 When you face dangers online, you should solve them yourself. (
- 12 Electronic games can prevent some players from thinking rationally.
- Electronic gaming can have a positive impact on your relationships with others.
- 14 Use a webcam to limit the dangers of electronic games.
- 15 You should not use personal information in your usernames and passwords.
 ()

Digital Safety and Security Precautions

Complete the following sentences using the words between the brackets:

(aggressive – Back problems – webcam – Cyberbullies – personal information)

- 1 is one of the security dangers of electronic games.
- 2 Some electronic games promote violence and can make some people
- 3 is one of dangers of electronic games because you stay hunched over while playing.
- 4 Don't use a to limit the dangers of electronic games.
- 5 Don't share, such as your name, email, phone number, and address.



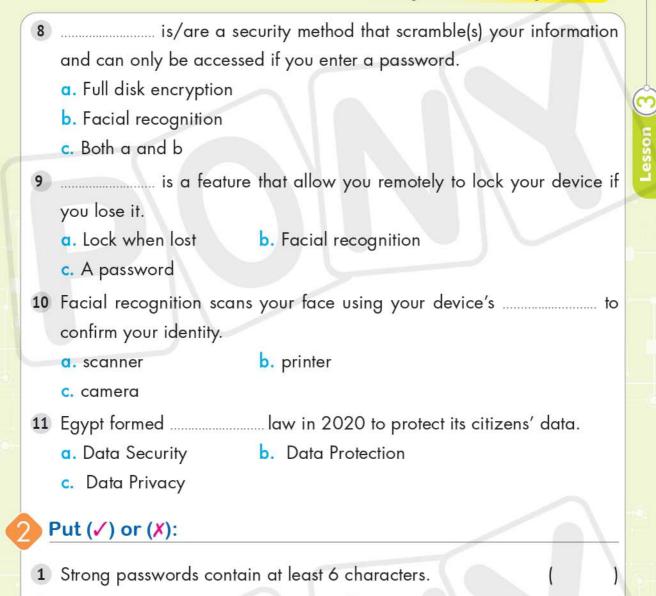


Choose the correct answer:

- 1 Strong passwords contain at least characters.
 - a. 4 b. 6
- 2 What does MFA stand for?
 - a. Multi-function Application
 - b. Multi-factor Authentication
 - c. Multi-feature Algorithm
- is a type of authentication that uses your fingerprint to confirm your identity.

c. 8

- a. Fingerprint authentication
- b. Facial recognition
- c. A password
- 4law requires companies to use strict security standards to protect their data.
 - a. Copyright b. E-marketing c. Data Protection
- 5 The process that scrambles your information and makes it unreadable to others is called
 - a. decryption b. compression c. encryption
- 6 requires at least two ways of identifying yourself.
 - a. Multi-factor authentication
 - b. Fingerprint authentication c. Facial recognition
- 7scans your face using your device's camera to confirm your identity.
 - a. Fingerprint authentication
 - b. Facial recognition c. Full disk encryption
- 38 ICT Prim. 6 First Term



- 2 If you have been exposed to data theft, you should report it.
- 3 Full disk encryption allows you to lock your device if you lose it. (
- 4 Data protection is important for individuals only.
- 5 Fingerprint authentication scans your face using the device's camera.
- 6 It is irresponsible to leave your devices at risk without protection.
- 7 It is not important for companies to protect their data.
- 8 Strong passwords contain letters, numbers and special characters. (

)

Digital Safety and Security Precautions

9 The facial recognition feature allows only your face to unlock your device.

)

)

)

- 10 Fingerprint authentication allows you to lock your device if it is lost.
- 11 Multi-factor authentication (MFA) is not an effective way to protect your accounts.
- 12 Egypt established the Data Protection Law to protect its citizens.
- 13 If you've been a victim of data theft, there is no need to report the theft.

Choose from column (A) what suits it in column (B):

Column (A)	Column (B)
1 Full disk encryption	 a. is a type of authentication that usually scans your thumb to confirm your identity.
2 Multi-factor authentication	 b. is a feature that allows you to lock your device remotely if you lose it.
3 Fingerprint authentication	 c. requires at least two ways of identifying yourself.
4 Lock when lost	 d. scans your face using your device's camera to confirm your identity.
5 Facial recognition	 e. scrambles your information and can only be accessed if you enter a password.
1	3

<u>Lesson 8</u> website Design

Hyper Text Markup Language (HTML)

- It's the standard programming language used to create web pages
- It describes the structure of a web page and consists of series of element

The building blocks of web pages are:

- Heading
- Paragraph
- Links
- Images

Web browser read HTML document and display the content according to the HTML tag

Tag have three main parts

- An opening ta
- The content
- A closing tag

ehtstargent headinge/hts		
-th2>Subheading	 Largest heading Subheading 	largest finaling
<hr/>	 Smaller Subheading Use this tag to create a paragraph. A paragraph has several sentences. 	smallest Treading paragraph
<pre>setime.c/p> </pre>	This is the biggest font. This is the smallest, red funt.	forst size and color
<a http:="" www.ekb.eg"="">Vait the "https://www.ekb.eg">Vait the Egyption Knowledge Sank	Visit the Egyptian Knowledge Bank "https://www.ekb.eg" Emphesized hut	hyperlink
<u-emphasized texts=""></u-emphasized>	Bold text	hold

Identify these tag

Large heading	<h1> large heading </h1>
Subheading	<h2> subheading </h2>
Smaller subheading	<h6> smaller subheading </h6>
Paragraph	>= to create paragraph
	= ending of paragraph tag
Font size	 ,<front size="7"></front>
Font color	
Hyperlink	visit the Egyptian knowledge
	bank
Emphasize text (italic)	<i> emphasized </i>
Bold text	 bold text
L	

lesson 2 How to deal with electronic games ? Electronic games which are played over the internet with friends, can be a lot of fun to play. Electronic games can help to promote critical and creative thinking, and encourage teamwork Online games can be fun to play but they can impact health. There are several disadvantages of electronic games 1. Physical dangers 2. Psychological dangers 3. Security dangers **Physical dangers** Playing too often can affect your sleep cycle. It may keep you stimulated and prevent from falling a sleep. It can strain your eyes, cause back problems because you stay hunched over while playing, and cause headaches. There's also a danger of gaining weight because you may not be exercising or eating properly while playing electronic games. **Psychological dangers** You may become anxious and depressed because : You feel lonely in the real world **Or** You are being bullied online. Electronic games can make some people aggressive, as some games promote violence. Electronic games can prevent some players from thinking rationally when facing situations. All of these factors can negatively affect your relationship with family and

friends.

Security dangers

- Multiplayer games, in particular, can put your security at risk.
- If you share too much personal information, strangers may be able to access your name, email, phone number, and address.

- Large gaming communities are filled with cyberbullies.
- Hackers can cause your information to be leaked and viruses are easily spread.

Responsible gaming

You can limit the dangers you are exposed to by:

Only playing games and chatting with people you know and trust.

- Not using personal information in your username and passwords.
- Not using a webcam.
- You should accept limits that your parents set to prevent unhealthy gaming habits.
- Make sure that gaming does not replace real-life activities like spending time with your family, meeting friends, homework, maintaining a healthy diet, getting enough exercise or sleep.
- When you do encounter dangers, don't be afraid to tell your parents. They want to help you. That could include family discussions and increased supervision when using the internet.

Lesson 3 Protecting yourself from digital theft

It is irresponsible to leave your devices at risk by not taking proper safety precautions. You have learned about the importance of strong passwords. Let's look at some more ways you can effectively protect your devices from theft.

Different features that you can use to protect your data

1.Passwords

Passwords with at least eight random letters, numbers, and symbols are the most secure.

2. multi-factor authentication (MFA)

MFA requires at least two ways of identifying yourself, usually through passwords, pins, and security codes or personal questions.

3.Fingerprint authentication

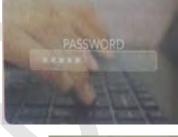
This type of authentication will scan your finger as a way of confirming it's you.

4.Facial recognition

Facial recognition software will scan your face using your device's camera. This way, only the user's face can be used to open their devices or devices' apps.

5.Full Encryption

Encryption protects your information so only you can access it on your device, as long as you have set your password.











<u>Companies have more responsibility than individuals to protect against</u> <u>data theft.</u>

- Companies in particular need to protect their websites and their customers' information. Therefore, Egypt has introduced the Data Protection Law to protect its citizens.
- The Data Protection Law requires companies to use strict security stands to protect their data.
- They must report immediately if they've been victims of data theft, and let their customers know immediately as well.

It's important for individuals to report data theft.

- You should report data theft.
- If you think your data has been compromised, be sure to tell a parent or trusted adult, they can let the proper authorities know.
- You should also tell family and friends you communicate with online.